## ABSTRACT OF THE DISCLOSURE

A phase change type information storage medium is provided, which achieves high-speed recording/reproduction. A DVD-RW disc having a substrate formed with grooves, lands, and land pre-pits, on which are laminated a first dielectric layer, a phase-change recording layer, a second dielectric layer, a reflective layer, and an overcoat layer. The disc is rotated at a 3.49-7.0 m/sec linear speed while being irradiated with a laser beam of 600-700 nm wavelength focused by an objective lens of 0.55-0.7 numerical aperture to the phase-change recording layer from the substrate side. The phase-change recording layer is made of a Ge-In-Sb-Te material, and the reflective layer is made of an Ag-Nd-Cu material. The first dielectric layer has a 65-85 nm thickness, the phase-change recording layer has a 10-20 nm thickness, the second dielectric layer has a 13-23 nm thickness, and the reflective layer has a 100-225 nm thickness. The grooves have a 200-350 nm width and 25-50 nm depth, and the land pre-pits have a depth of plus-minus 3 nm relative to the groove depth.

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